

In The Specification:

Please replace the title, at page 1, line 1, with the following re-written title:

b
Fibronectin Precursor Biopolymer [Marker] Markers
[Predictive] Indicative Of Alzheimers Disease

Please replace the paragraph beginning at page 37, line 5, with the following rewritten paragraph:

b1
Figure 2 is a trypsin digested spectra graph depicting the ions 1356.65, 1625.84 and 1818.97. SEQ ID NOS:1-3 are shown in the table, listed top to bottom.

Please replace the paragraph beginning at page 40, line 10, with the following rewritten paragraph:

Preparatory Protocols:

Any of these protocols may be selected from a column flow-through stream, a column elution stream, or a column scrub stream.

Hi Q is a strong anion exchanger made of methyl acrylate co-polymer with the functional group: $-N^+(CH_3)_2$;

b2
Hi S is a strong cation exchanger made of methyl acrylate co-polymer with the functional group: $-SO_3^-$;

DEAE is a diethylaminoethyl which is a weak cation exchanger made of methyl acrylate co-polymer with the functional group:

-N⁺(C₂H₅)₂;

b2
cont
PS is phenyl [sepharose] SEPHAROSE;

BS is buytl [sepharose] SEPHAROSE.

Please replace the paragraph beginning at page 40, line 23,
with the following rewritten paragraph:

b3
Note that the supports, i.e. methyl acrylate and [sepharose] SEPHAROSE are different, but non-limiting examples, as the same functional group on different supports will function, albeit possibly with different effects.

Please replace the paragraph beginning at page 41, line 18,
with the following rewritten paragraph:

Butyl [sepharose] SEPHAROSE column protocol:

- b4
- 1) Cast 150 µl bed volume column;
 - 2) Equilibrate column in 5 bed volumes of 1.7 M (NH₄)₂SO₄ in 50 mM PB pH 7.0 (binding buffer);
 - 3) Dissolve 35 µl of sera in 465 µl of binding buffer and apply;
 - 4) Wash column in 5 bed volumes of binding buffer;
 - 5) Elute column in 120 µl of 0.4 M (NH₄)₂SO₄ in 50 mM PB pH 7.0;
 - 6) Elute column in 120 µl of 50 mM PB pH 7.0;

Bit. cont
7) Scrub column with 120 μ l sequentially with each of
0.1% triton, 1.0% triton and 2% SDS in 62.5 mM Tris pH 6.8.

Please replace the paragraph beginning at page 42, line 10,
with the following rewritten paragraph:

Phenyl [sepharose] SEPHAROSE column protocol:

- bs
- 1) Cast 150 μ l bed volume column;
 - 2) Equilibrate column in 5 bed volumes of 1.7 M
(NH_4)₂SO₄ in 50 mM PB pH 7.0 (binding buffer);
 - 3) Dissolve 35 μ l of sera in 465 μ l of binding buffer
and apply;
 - 4) Wash column in 5 bed volumes of binding buffer;
 - 5) Elute column in 120 μ l of 0.2 M (NH_4)₂SO₄ in 50 mM
PB pH 7.0;
 - 6) Elute column in 120 μ l of 50 mM PB pH 7.0;
 - 7) Scrub column with 120 μ l sequentially with each of
0.1% triton, 1.0% triton and 2% SDS in 62.5 mM Tris pH 6.8.
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